

DRAWINGS

In accordance with the Examiner's request in the subject office action, enclosed is a copy of the drawings as submitted on April 1, 2002 and "filed" on April 11, 2002 in Applicant's "Response to Notice to File Corrected Application Papers".

IN THE CLAIMS

Please amend the claims as follows in accordance with the Revised Format of Amendments under 37 C.F.R. § 1.121.

1. Please cancel claims 1 and 9.
2. Please amend the remaining claims as indicated:
 - 1.(canceled)
 2. (original) In a system for transmitting intensity modulated light waves over an optical fiber, an optical data transmission apparatus, the apparatus comprising:
 - (a) a cw laser conformed to emit light at substantially a single frequency;
 - (b) a phase modulator connected in series with said cw laser, wherein said phase modulator is conformed to cause the phase of the light from said cw laser to vary in substantially a quadratic manner as a function of time during a time interval T; and
 - (c) an intensity modulator connected in series with said phase modulator, wherein said intensity modulator is conformed to transmit or block the light from said phase modulator in accordance with an intensity modulation scheme for transmitting binary data, such that said transmitted light consists of pulses of temporal width T during which the phase of the light varies in substantially a quadratic manner as a function of time.
 3. (original) The apparatus of claim 2 wherein said phase modulator is conformed to adjust the amplitude of the phase change of the light, subject to the constraint that the phase of the light varies in substantially a quadratic manner as a function of time during said time interval T.
 4. (original) The apparatus of claim 2 wherein said intensity modulator is selected from a